Applicant: Carballo Docket: AUS9 2003 0656 US1 Sheet 1 of 4

Contact: J. Lally 512/428-9870

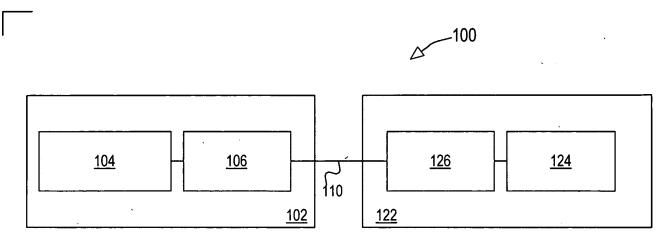


FIG 1

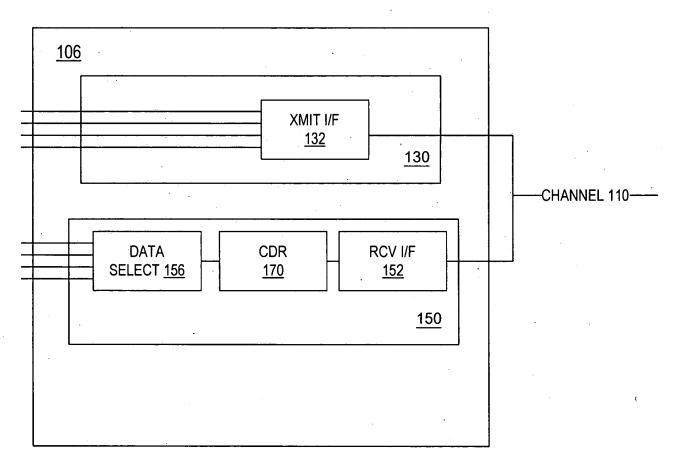


FIG 2

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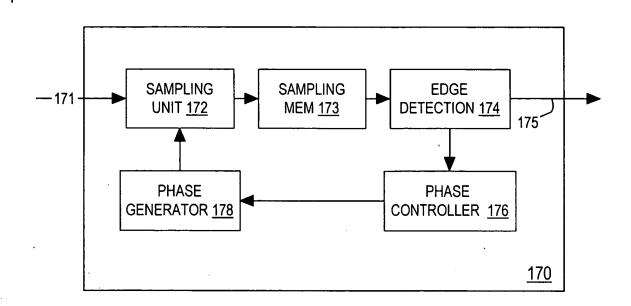


FIG 3

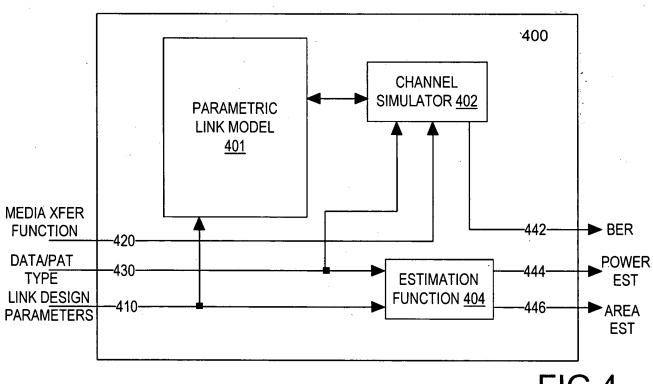
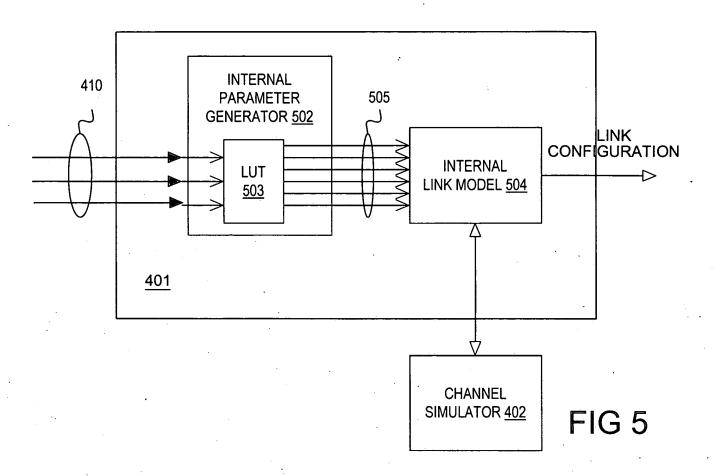
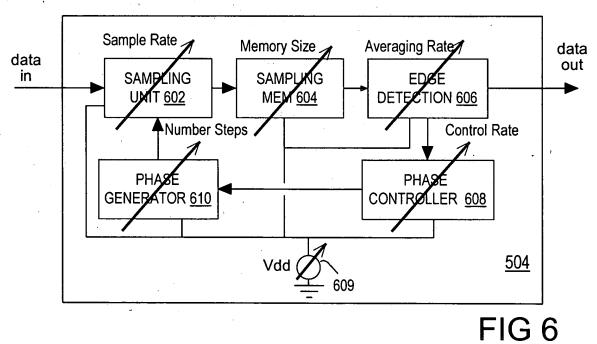


FIG 4





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Contact: J. Lally 512/428-9870

External Parameters 701	Value	Internal Parameter <u>702</u>	Value
Sampling Complexity 703	2	Sampling rate	2X
		Sampling Memory Size	6
		Edge Averaging	2b XOR
Loop Bandwidth <u>704</u>	2	Rotator control rates	1/8
		Rotator step size	360/16
Loop Order 705	2	Rotator FSM	2nd Order
		Flywheel range	0

FIG 7

503